

TITLE

ABSTRACT

NMR spectroscopy is used as an efficient and effective rapid screening method for identifying compounds that interact with PSD-95. This method includes the steps of
5 taking a first NMR spectrum of a sample of free PDZ2; mixing a test compound with said sample of free PDZ2 to form a test sample; taking a second NMR spectrum of said test sample; and comparing said first and second spectra. An observable difference of the two spectra indicates that the test sample contains ingredient(s) capable of binding to the PDZ domains of PSD-95.

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